# **ETATRON**

# engineered excellence AG-SELECT MENU GUIDE AG-SELECT B1

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#### **Pump Connections - AG-Select B1**



If using 4-20mA output pump should be connected to J21

# Manual - AG-Select B1

J20 current output 1 connector		
<b>Terminal No.</b>	Description	
1	Current output 2 positive terminal	
2	Current output 2 negative terminal	

J21 current output 2 connector	
Terminal No.	Description
1	Current output 1 positive terminal
2	Current output 1 negative terminal

#### J21 = mA 1 output - J20 = mA 2 output

## **Pump Connections - AG-Select B1**



If using 4-20mA output pump should be connected to J21 as shown above

### **Calibration pH - AG-Select B1**



Please ensure you have to hand pH 7 and pH 4 buffer solutions and check use by dates

# **Calibration pH - AG-Select B1**

From main screen select OK and press PLUS button X 3 or until "CAL" is shown

Press OK button to go to 1<sup>st</sup> calibration point pH 7

Place clean pH electrode into the buffer solution, mix slowly and then wait until display stabilises after around 1 minute. Use the PLUS and MINUS buttons to trim the reading to pH 7.00

Press OK button to confirm and to go to next calibration point for either pH 4.00 or 9.00 ensuring that the probe has been cleaned prior to carrying this out

Proceed as for CAL1 and press OK button when done and press ESC button to navigate back to start up screen



#### **Calibration mV - AG-Select B1**



Please ensure you have to hand 650mV or 475mV buffer solutions and check use by dates

# **Calibration mV - AG-Select B1**

From main screen select OK and press PLUS button X 3 or until "CAL" is shown

Press OK button to go to 1<sup>st</sup> calibration point 650mV

AG SELECT B1

Place clean mV electrode into the buffer solution, mix slowly and then wait until display stabilises after around 1 minute. Use the PLUS and MINUS buttons to trim the reading to mV 650

Press OK button to confirm and to go to next calibration point for "ZERO" mV. To simulate 0 mV use either a shorting plug or using a small piece of wire connect the outer body of the BNC connector to the inner core section.

Proceed as for CAL1 and press OK button when done and press ESC button to navigate back to start up screen

#### **Factory Reset AG-Select B1**

- 1. Power off instrument
- 2. Power instrument back up
- 3. Press OK button within 15 seconds
- 4. After screen has changed hold down the MINUS and PLUS buttons simultaneously
- 5. "rESEt" should be shown on screen, if you do not see "SET DEFAULTS" start again taking extra care on step 4
- 6. Press PLUS, PLUS, RIGHT ARROW to start a full reset or MINUS, MINUS, RIGHT ARROW for a partial reset

